

(C) WPI / DERWENT

AN - 2002-680599 [73]

AP - RU20000120567 20000731

CPY - UYKO-R

DC - E17 M11 M29

FS - CPI

IC - C25D5/22 ; C25F3/16

IN - GALANIN S I

MC - E10-A13A2 E31-F05 M11-A05 M11-B05 M29-D

PA - (UYKO-R) UNIV KOSTROM TECHN

PN - RU2184801 C2 20020710 DW200273 C25D5/22 000pp

PR - RU20000120567 20000731

XA - C2002-192003

XIC - C25D-005/22 ; C25F-003/16

AB - RU2184801 NOVELTY - Process refers to electrochemical glazing of complex-profile surfaces. Treatment is carried out by pulse unipolar current of rectangular form in the course of 5-20 s in electrolyte containing: thiocarbamide 90.0 g/l; and concentrated sulfuric acid 70.0 g/l.

- DETAILED DESCRIPTION - Process refers to electrochemical glazing of complex-profile surfaces. Treatment is carried out by pulse unipolar current of rectangular form in the course of 5-20 s in electrolyte containing: thiocarbamide 90.0 g/l; concentrated sulfuric acid 70.0 g/l with following parameters of technological current: duration (0,5-2) asterisk 10-3 s, relative pulse duration 1.25-5.0; amplitude density of current (5.0-10.0) A/sq.cm and electrolyte temperature 18-22 deg. C.

- USE - Electrochemical finishing treatment of surfaces.

- ADVANTAGE - Raised productivity and improved quality of surface glazing.

- (Dwg.0/0)

IW - PROCESS PULSE ELECTROCHEMICAL GLAZE GOLD ALLOY

IKW - PROCESS PULSE ELECTROCHEMICAL GLAZE GOLD ALLOY

INW - GALANIN S I

NC - 001

OPD - 2000-07-31

ORD - 2002-07-10

PAW - (UYKO-R) UNIV KOSTROM TECHN

TI - Process of pulse electrochemical glazing of gold and its alloys